

Laboratory: THYROCARE, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 | Ph.: 022 - 3090 0000, 4125 2525
SMS or WhatsApp: 9870 666 333 | Email: info@whaters.com | Website: www.whaters.com

NAME : **SAMPLE COLLECTED AT** :
Bore Water
SOURCE OF WATER :
TEST ASKED : PCEMPV

TEST NAME	TECHNOLOGY	VALUE	UNITS	REFERENCE RANGE
ELEMENTS				
ALUMINIUM (Al)	ICP	< 0.008	mg/l	0.03 - 0.20
ARSENIC (As)	ICP	< 0.001	mg/l	0.01 - 0.05
BORON (B)	ICP	0.314	mg/l	0.5 - 1
CADMIUM (Cd)	ICP	< 0.001	mg/l	< 0.003
CALCIUM (Ca)	ICP	15.108	mg/l	75 - 200
CHROMIUM (Cr)	ICP	< 0.008	mg/l	< 0.05
COPPER (Cu)	ICP	< 0.008	mg/l	0.05 - 1.50
IRON (Fe)	ICP	< 0.063	mg/l	< 0.3
LEAD (Pb)	ICP	0.002	mg/l	< 0.01
MAGNESIUM (Mg)	ICP	4.685	mg/l	30 - 100
MANGANESE (Mn)	ICP	0.213	mg/l	0.1 - 0.3
MERCURY (Hg)	ICP	0.001	mg/l	< 0.001
MOLYBDENUM (Mo)	ICP	< 0.008	mg/l	< 0.07
NICKEL (Ni)	ICP	< 0.008	mg/l	< 0.02
SELENIUM (Se)	ICP	< 0.001	mg/l	< 0.01
ZINC (Zn)	ICP	< 3.125	mg/l	5 - 15

ANALYZER : Fully Automated ICP Spectrometer

Sample Collected on (SCT) : 28 Dec 2015 11:00
Sample Received on (SRT) : 29 Dec 2015 04:02
Report Released on (RRT) : 30 Dec 2015 17:41
Sample Type : WATER
Labcode : 281201817/ORI01
Barcode : 45321092



Mr. Abhijit Bhar



Dr. Caesar Sengupta MD

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MICROBIOLOGY				
COLIFORM BACTERIA (EXCEPT E.COLI)	MF	> 300	CFU/100ml	Nil
ECOLI BACTERIA	MF	< 1	CFU/100ml	Nil

MF : Membrane Filtration

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PESTICIDES				
ALACHLOR	GCMS-SBSE	< 0.02	µg/L	20
ALDRIN / DIELDRIN	GCMS-SBSE	< 0.02	µg/L	0.03
ALPHA HCH	GCMS-SBSE	0.322	µg/L	0.01
ATRAZINE	GCMS-SBSE	< 0.02	µg/L	2
BETA HCH	GCMS-SBSE	< 0.02	µg/L	0.04
BUTACHLOR	GCMS-SBSE	< 0.02	µg/L	125
CHLORPYRIPHOS	GCMS-SBSE	< 0.02	µg/L	30
DDT	GCMS-SBSE	< 0.02	µg/L	1
DELTA HCH	GCMS-SBSE	< 0.02	µg/L	0.04
ENDOSULFAN	GCMS-SBSE	< 0.02	µg/L	0.4
ETHION	GCMS-SBSE	< 0.02	µg/L	3
GAMMA - HCH	GCMS-SBSE	< 0.02	µg/L	2
MALATHION	GCMS-SBSE	< 0.02	µg/L	190
METHYL PARATHION	GCMS-SBSE	< 0.02	µg/L	0.30
MONOCROTOPHOS	GCMS-SBSE	< 0.02	µg/L	1
PHORATE	GCMS-SBSE	< 0.02	µg/L	2

ANALYZER : Fully Automated GCMS-SBSE

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TEST NAME	TECHNOLOGY	VALUE	UNITS	REFERENCE RANGE
PHYSICAL AND CHEMICAL				
ALKALINITY	SFA	< 62.5	mg/l	200 - 600
ANIONIC DETERGENTS AS MBAS	SFA	< 0.063	mg/l	0.2 - 1
CHLORIDE	SFA	< 62.5	mg/l	250 - 1000
COLOUR	SFA	19.53	Hazen	5 - 15
CYANIDE	SFA	< 0.025	mg/l	< 0.05
FLUORIDE	SFA	< 0.125	mg/l	1 - 1.5
FREE CHLORINE	SFA	< 0.125	mg/l	0.2 - 1
NITRATE	SFA	< 12.5	mg/l	< 45
PH	SFA	5.87	-	6.5 - 8.5
PHENOLIC COMPOUNDS AS C6H5OH	SFA	< 0.001	mg/l	0.001 - 0.002
SULPHATE	SFA	< 62.5	mg/l	200 - 400
SULPHIDE	SFA	< 0.025	mg/l	< 0.05
TOTAL DISSOLVED SOLID	SFA	141.4	mg/l	500 - 2000
TOTAL HARDNESS	SFA	116.5	mg/l	200 - 600
TURBIDITY	SFA	1.89	NTU	1 - 5

ANALYZER : Fully Automated Segmented Flow Analyzer

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VOLATILE ORGANIC COMPONENTS				
1,2 DICHLOROBENZENE	GC-FID-DHS	< 1.25	ug/L	5
1,2,4 TRIMETHYLBENZENE	GC-FID-DHS	< 1.25	ug/L	5
1,3 DICHLOROBENZENE	GC-FID-DHS	< 1.25	ug/L	5
1,3,5 TRIMETHYLBENZENE	GC-FID-DHS	< 1.35	µg/L	5
1,4 DICHLOROBENZENE	GC-FID-DHS	3.078	µg/L	5
2-CHLOROTOLUENE	GC-FID-DHS	1.555	µg/L	5
4-CHLOROTOLUENE	GC-FID-DHS	1.391	µg/L	5
BENZENE	GC-FID-DHS	> 5	µg/L	5
BROMOBENZENE	GC-FID-DHS	1.684	µg/L	5
ETHYLBENZENE	GC-FID-DHS	< 1.25	µg/L	5
ISOPROPYLBENZENE	GC-FID-DHS	> 5	µg/L	5
M-XYLENE	GC-FID-DHS	2.662	µg/L	5
N-BUTYLBENZENE	GC-FID-DHS	< 1.25	µg/L	5
O-XYLENE	GC-FID-DHS	< 1.25	µg/L	5
P-XYLENE	GC-FID-DHS	< 1.25	µg/L	5
PROPYLBENZENE	GC-FID-DHS	< 1.25	µg/L	5
SECBUTYLBENZENE	GC-FID-DHS	2.221	µg/L	5
TERBUTYLBENZENE	GC-FID-DHS	< 1.25	µg/L	5
TOLUENE	GC-FID-DHS	< 1.25	µg/L	5

ANALYZER : Fully Automated GC-FID-DHS

~~ End of report ~~

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